

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080921\
 Data File : BM031632.D
 Acq On : 10 Aug 2021 09:21
 Operator : CG/JU
 Sample : M3169-15
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00B4

Manual Integrations
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Quant Time: Aug 10 10:11:00 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 09 10:16:43 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.580	152	1460	0.400	ng/ul	0.00
4) Naphthalene-d8	10.338	136	5486	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.212	164	3187	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.961	188	5973	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.159	240	4833	0.400	ng/ul	# 0.00
23) Perylene-d12	23.317	264	4697	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.186	96	4339	2.676	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.935	152	1815	0.196	ng/ul	0.00
18) Fluoranthene-d10	18.997	212	3880	0.241	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.388	128	6894	0.422	ng/ul	99
7) 2-Methylnaphthalene	12.007	142	3879	0.347	ng/ul	99
8) 1-Methylnaphthalene	12.232	142	1802	0.163	ng/ul	98
10) Acenaphthylene	13.932	152	1572	0.116	ng/ul#	89
11) Acenaphthene	14.273	153	309m	0.027	ng/ul	
12) Fluorene	15.266	166	376	0.029	ng/ul#	84
15) Phenanthrene	17.002	178	13788	0.727	ng/ul	99
16) Anthracene	17.096	178	1803	0.102	ng/ul#	86
19) Fluoranthene	19.028	202	16623	0.805	ng/ul#	96
20) Pyrene	19.390	202	14577	0.696	ng/ul	96
21) Benzo(a)anthracene	21.142	228	7974	0.409	ng/ul#	86
22) Chrysene	21.193	228	9481	0.470	ng/ul#	91
24) Benzo(b)fluoranthene	22.677	252	9810m	0.464	ng/ul	
25) Benzo(k)fluoranthene	22.713	252	4459m	0.204	ng/ul	
26) Benzo(a)pyrene	23.222	252	6790	0.366	ng/ul#	68
27) Indeno(1,2,3-cd)pyrene	25.453	276	4831	0.202	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.458	278	1234	0.064	ng/ul#	1
29) Benzo(g,h,i)perylene	26.105	276	1454	0.071	ng/ul#	35

(#) = qualifier out of range (m) = manual integration (+) = signals summed

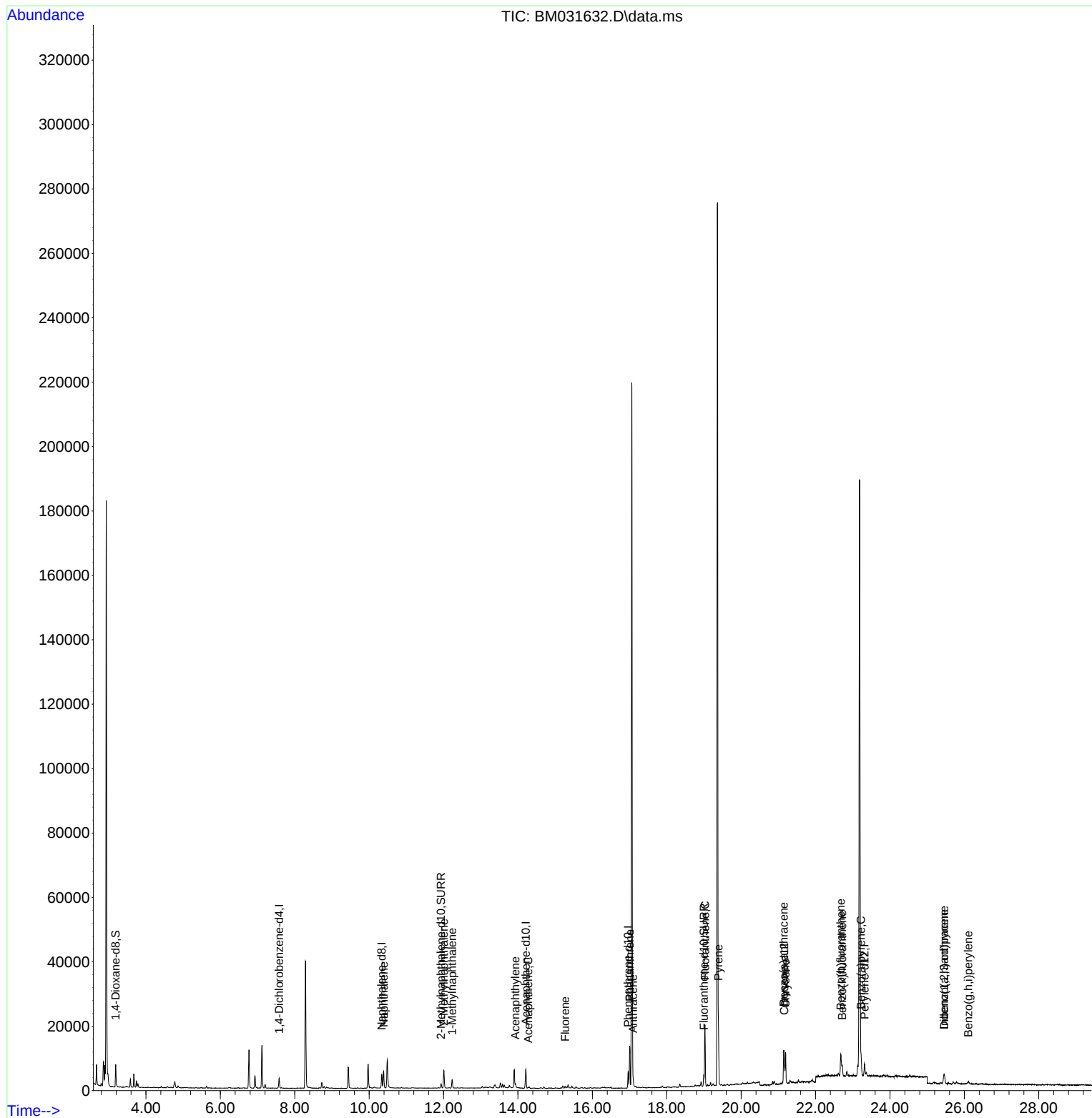
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Data File : BM031632.D
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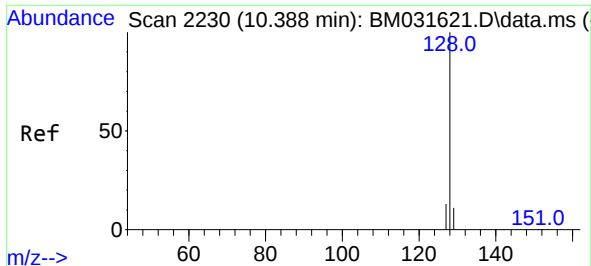
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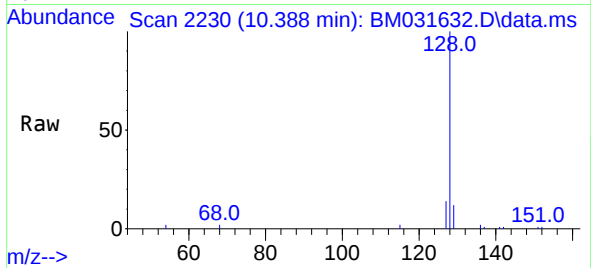
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Quant Time: Aug 10 10:11:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 09 10:16:43 2021
Response via : Initial Calibration

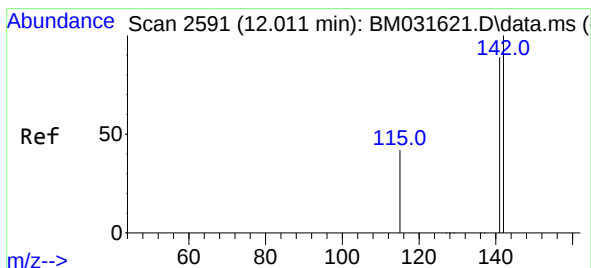
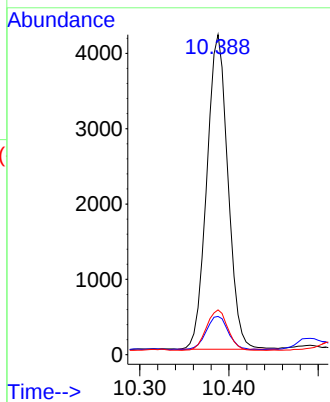
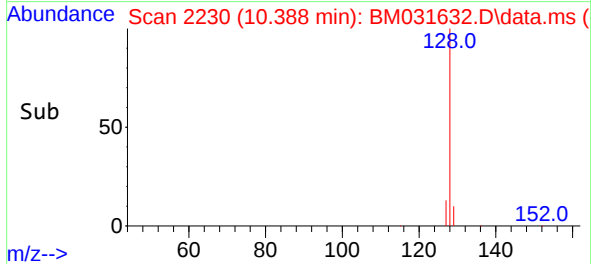




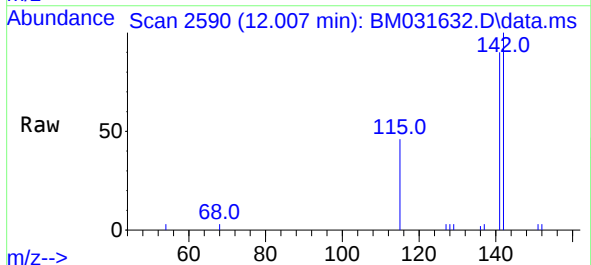
#5
Naphthalene
Concen: 0.422 ng/ul
RT: 10.388 min Scan# 2230
Delta R.T. -0.000 min
Lab File: BM031632.D
Acq: 10 Aug 2021 09:21



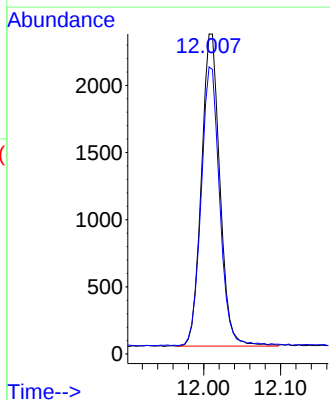
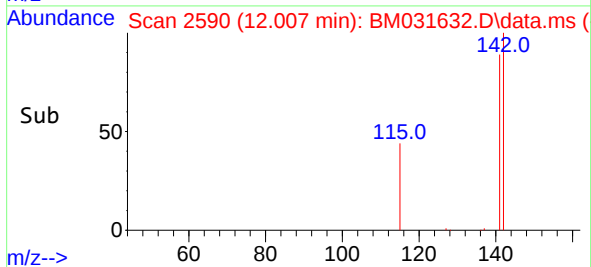
Tgt Ion:128 Resp: 6894
Ion Ratio Lower Upper
128 100
129 12.0 10.0 15.0
127 14.0 11.6 17.4



#7
2-Methylnaphthalene
Concen: 0.347 ng/ul
RT: 12.007 min Scan# 2590
Delta R.T. -0.005 min
Lab File: BM031632.D
Acq: 10 Aug 2021 09:21



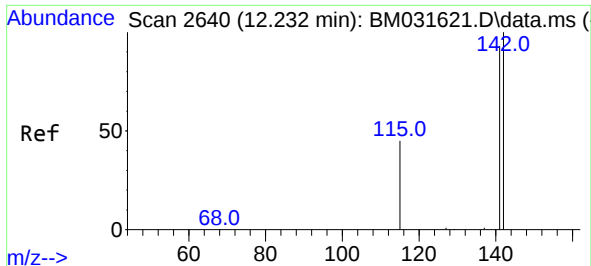
Tgt Ion:142 Resp: 3879
Ion Ratio Lower Upper
142 100
141 89.7 71.4 107.0



Instrument :
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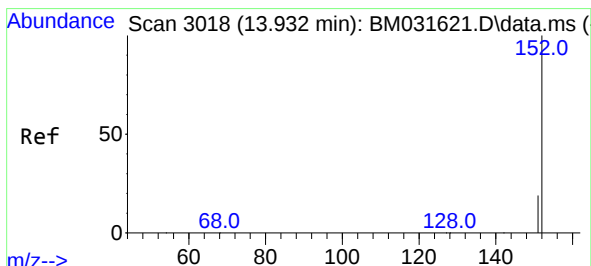
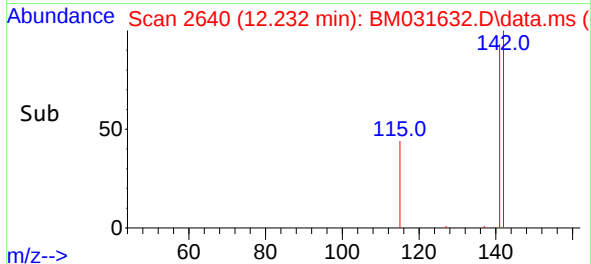
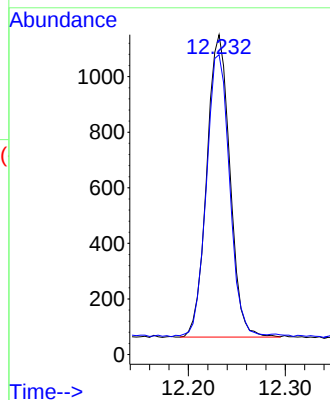
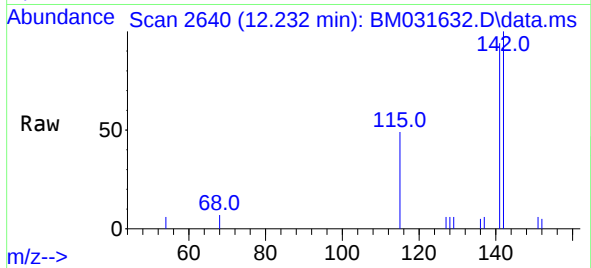
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1-Methylnaphthalene
Concen: 0.163 ng/ul
RT: 12.232 min Scan# 2640
Delta R.T. -0.000 min
Lab File: BM031632.D
Acq: 10 Aug 2021 09:21

Tgt Ion:142 Resp: 1802
Ion Ratio Lower Upper
142 100
141 94.1 74.1 111.1

Instrument :
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ClientSampled :
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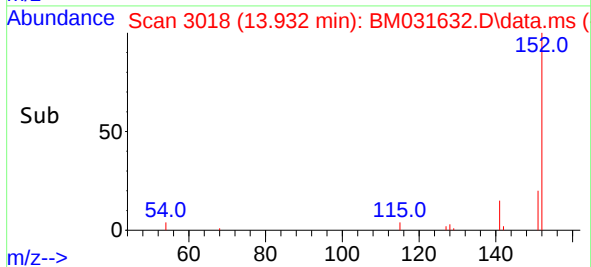
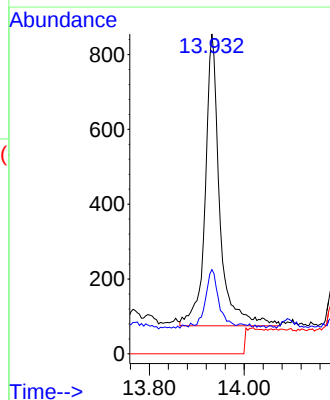
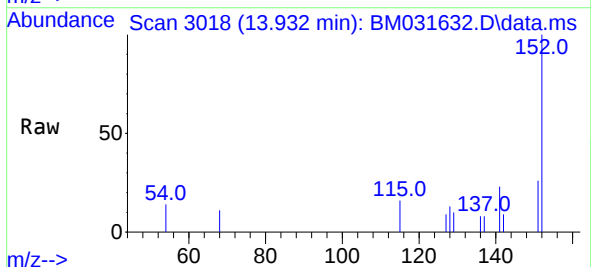
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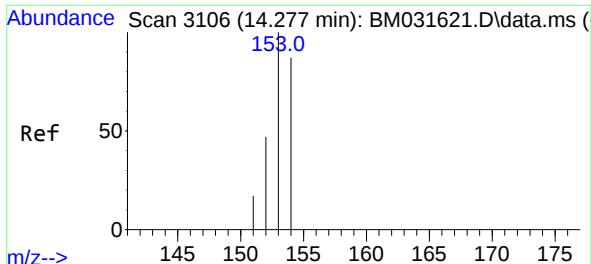
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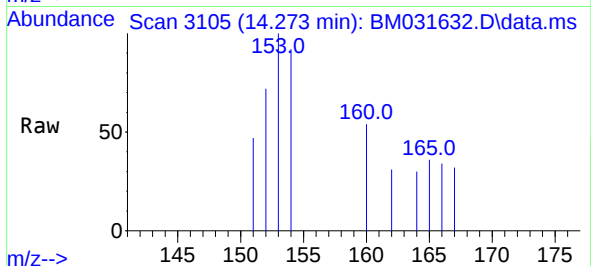
#10
Acenaphthylene
Concen: 0.116 ng/ul
RT: 13.932 min Scan# 3018
Delta R.T. -0.000 min
Lab File: BM031632.D
Acq: 10 Aug 2021 09:21

Tgt Ion:152 Resp: 1572
Ion Ratio Lower Upper
152 100
151 26.3 16.9 25.3#
153 0.0 0.0 0.0

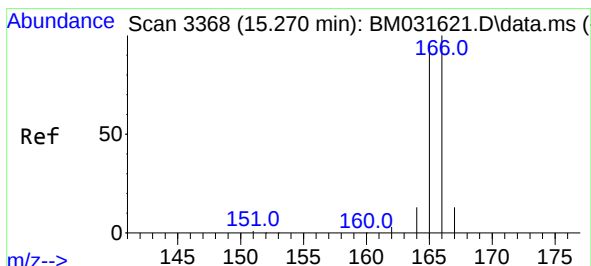
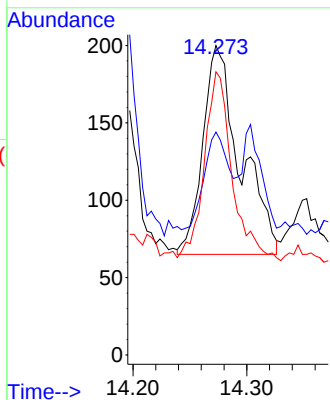
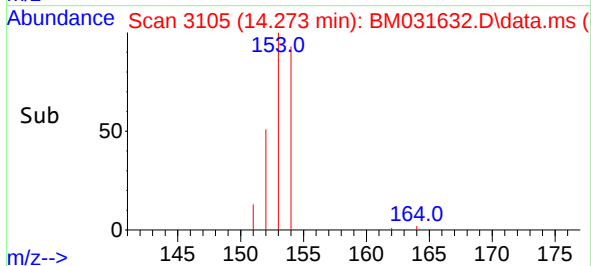




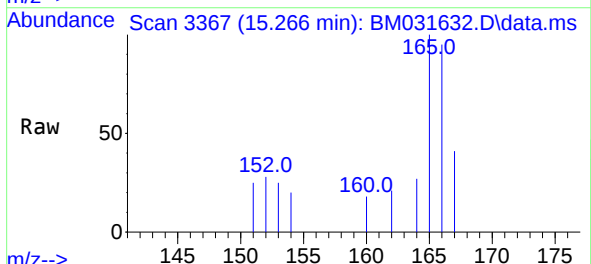
#11
Acenaphthene
Concen: 0.027 ng/ul m
RT: 14.273 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BM031632.D
Acq: 10 Aug 2021 09:21



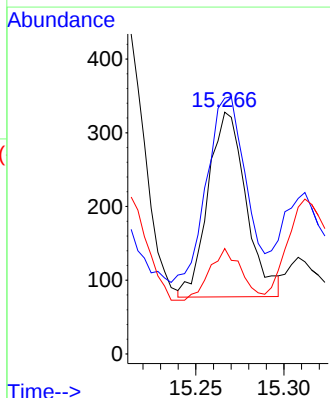
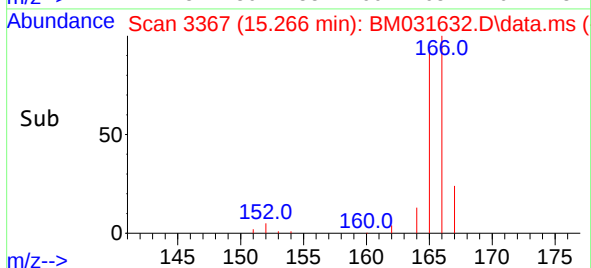
Tgt Ion:153 Resp: 309
Ion Ratio Lower Upper
153 100
152 72.0 40.7 61.1#
154 91.5 70.2 105.2



#12
Fluorene
Concen: 0.029 ng/ul
RT: 15.266 min Scan# 3367
Delta R.T. -0.004 min
Lab File: BM031632.D
Acq: 10 Aug 2021 09:21



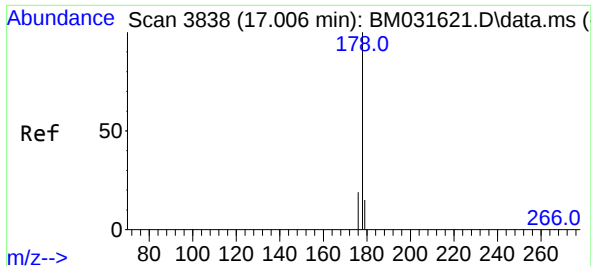
Tgt Ion:166 Resp: 376
Ion Ratio Lower Upper
166 100
165 105.8 78.0 117.0
167 43.6 12.0 18.0#



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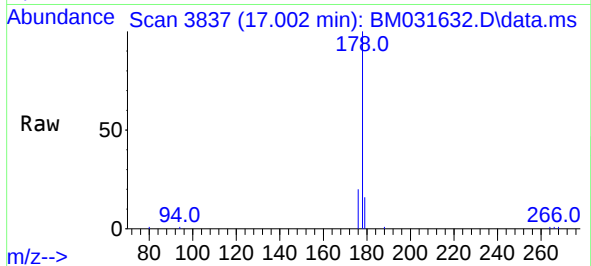
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#15
Phenanthrene
Concen: 0.727 ng/ul
RT: 17.002 min Scan# 3837
Delta R.T. -0.007 min
Lab File: BM031632.D
Acq: 10 Aug 2021 09:21

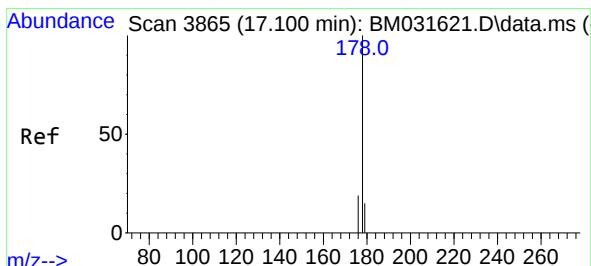
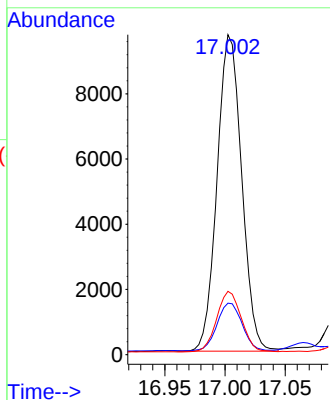
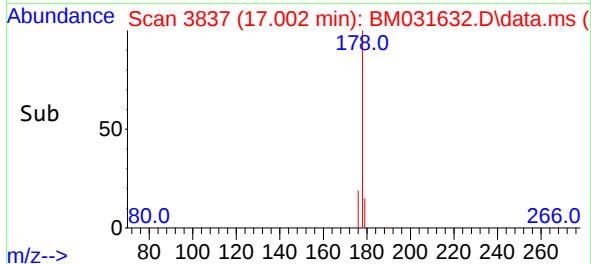
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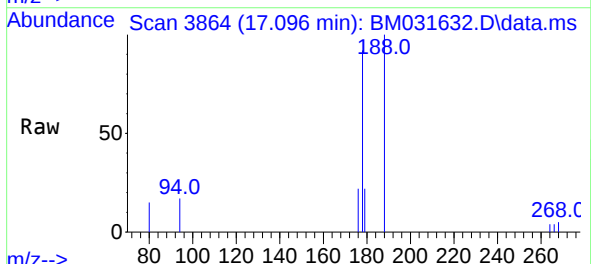
Tgt Ion:178 Resp: 13788
Ion Ratio Lower Upper
178 100
179 16.1 13.3 19.9
176 19.8 16.2 24.4

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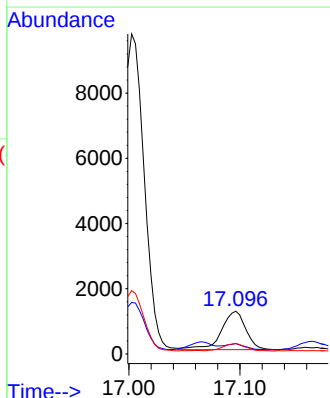
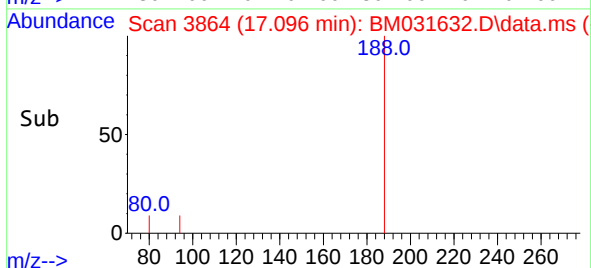
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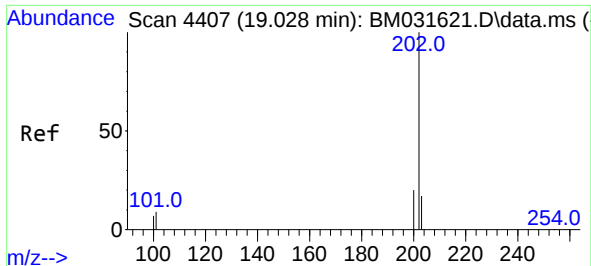


#16
Anthracene
Concen: 0.102 ng/ul
RT: 17.096 min Scan# 3864
Delta R.T. -0.007 min
Lab File: BM031632.D
Acq: 10 Aug 2021 09:21



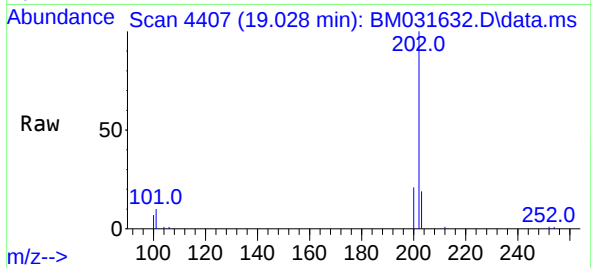
Tgt Ion:178 Resp: 1803
Ion Ratio Lower Upper
178 100
179 24.4 13.0 19.6#
176 24.3 15.6 23.4#





#19
Fluoranthene
Concen: 0.805 ng/u1
RT: 19.028 min Scan# 4407
Delta R.T. -0.000 min
Lab File: BM031632.D
Acq: 10 Aug 2021 09:21

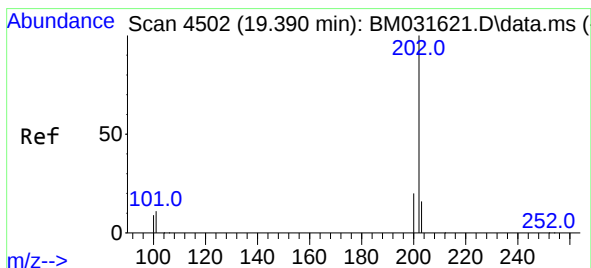
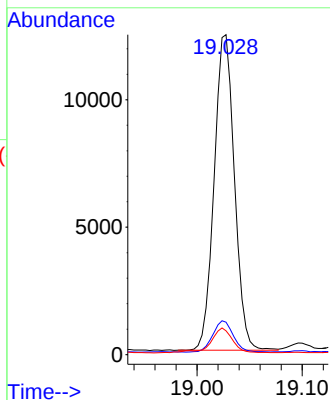
Instrument :
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ClientSampled :
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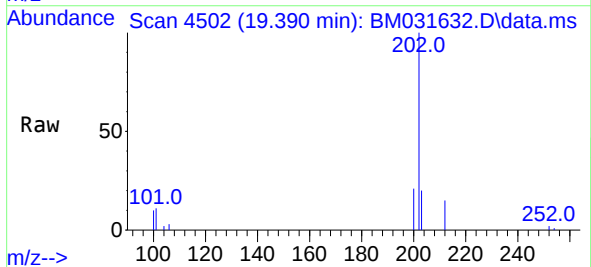
Tgt Ion:202 Resp: 16623
Ion Ratio Lower Upper
202 100
101 10.1 6.6 10.0#
100 7.5 5.4 8.0

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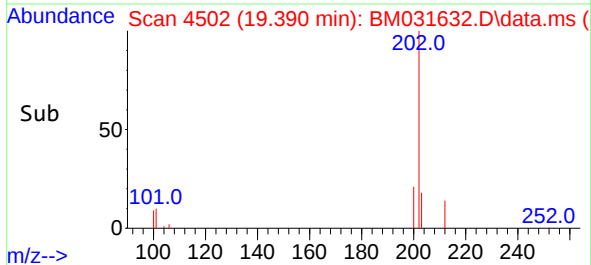
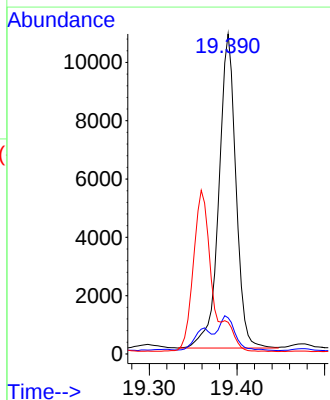
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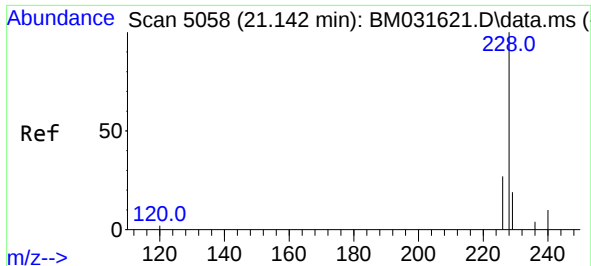


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Pyrene
Concen: 0.696 ng/u1
RT: 19.390 min Scan# 4502
Delta R.T. -0.004 min
Lab File: BM031632.D
Acq: 10 Aug 2021 09:21



Tgt Ion:202 Resp: 14577
Ion Ratio Lower Upper
202 100
101 11.3 7.8 11.6
100 9.9 6.6 10.0





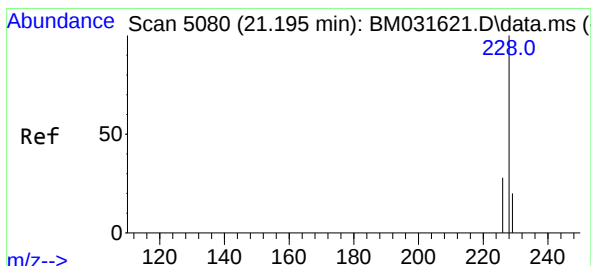
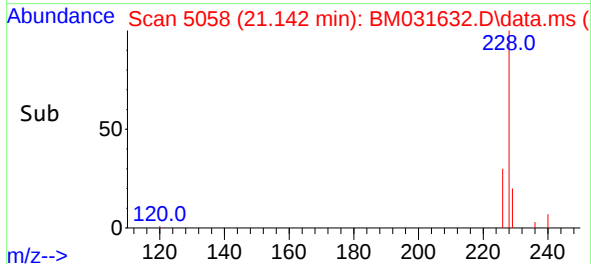
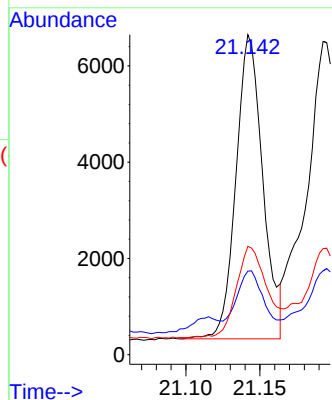
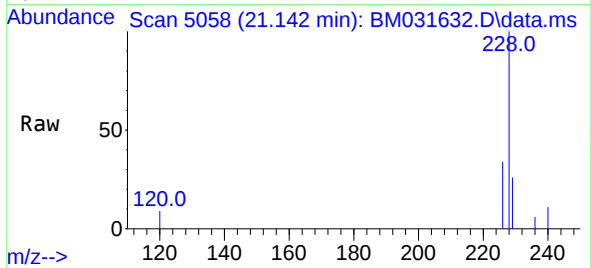
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Benzo(a)anthracene
Concen: 0.409 ng/ul
RT: 21.142 min Scan# 5058
Delta R.T. -0.005 min
Lab File: BM031632.D
Acq: 10 Aug 2021 09:21

Tgt Ion:	228	Resp:	7974
Ion Ratio	Lower	Upper	
228	100		
229	26.1	15.6	23.4#
226	33.9	21.7	32.5#

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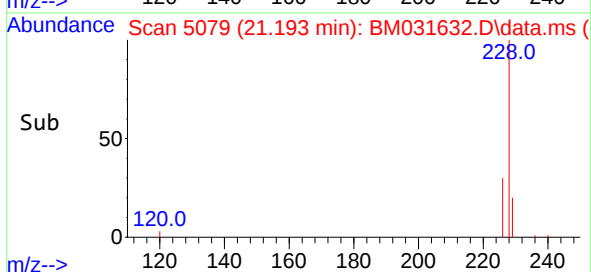
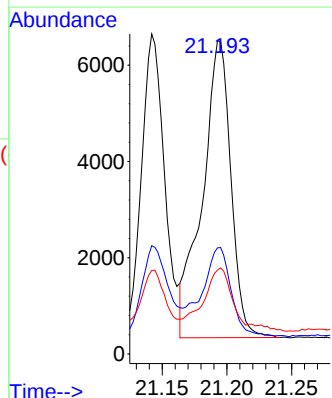
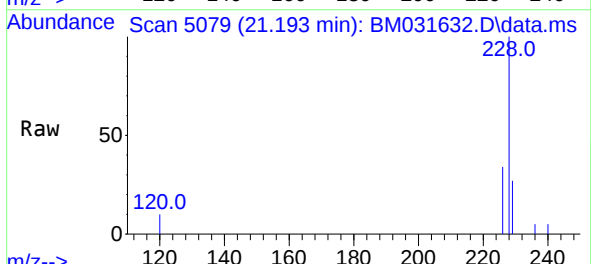
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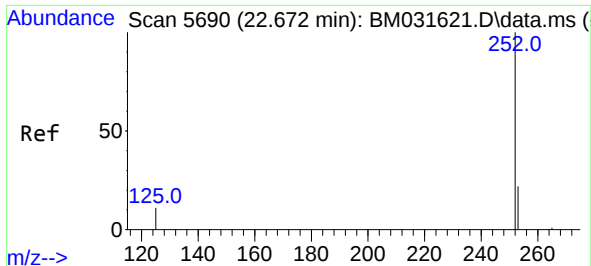
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#22
Chrysene
Concen: 0.470 ng/ul
RT: 21.193 min Scan# 5079
Delta R.T. -0.002 min
Lab File: BM031632.D
Acq: 10 Aug 2021 09:21

Tgt Ion:	228	Resp:	9481
Ion Ratio	Lower	Upper	
228	100		
226	33.9	24.7	37.1
229	26.8	16.2	24.2#





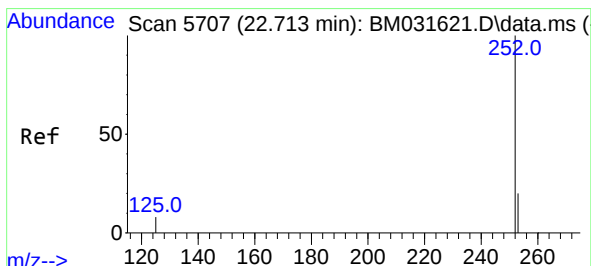
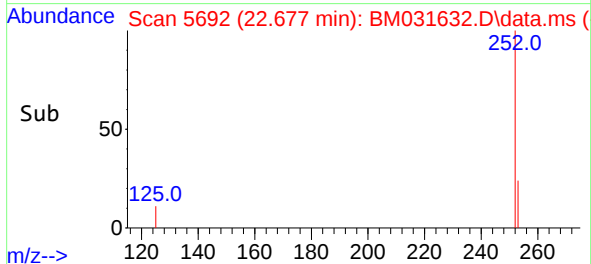
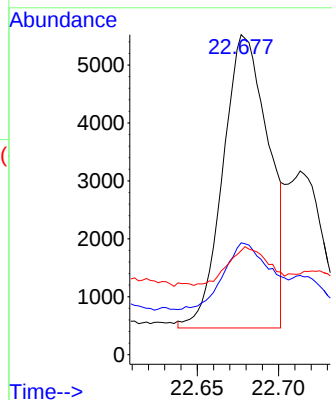
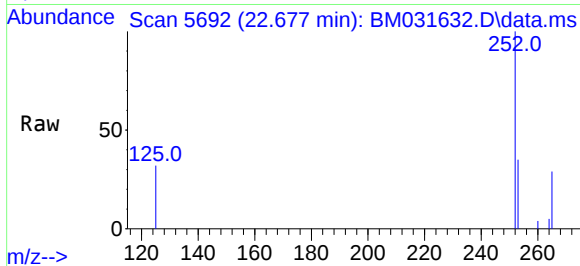
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Benzo(b)fluoranthene
Concen: 0.464 ng/ul m
RT: 22.677 min Scan# 5692
Delta R.T. -0.000 min
Lab File: BM031632.D
Acq: 10 Aug 2021 09:21

Tgt Ion:252 Resp: 9810
Ion Ratio Lower Upper
252 100
253 35.0 0.0 53.0
125 32.5 0.0 22.8#

Instrument :
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ClientSampled :
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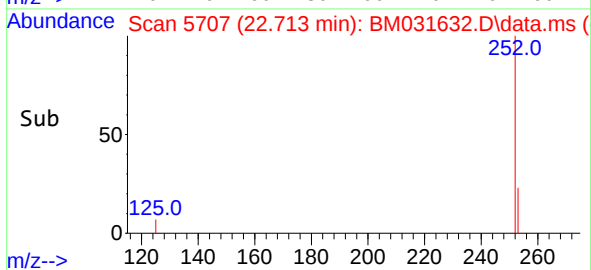
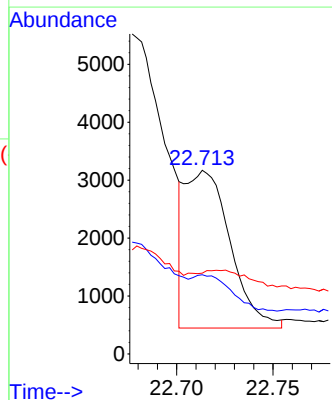
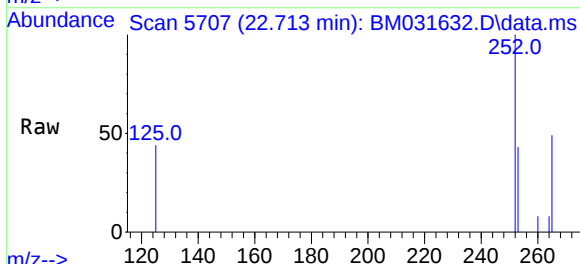
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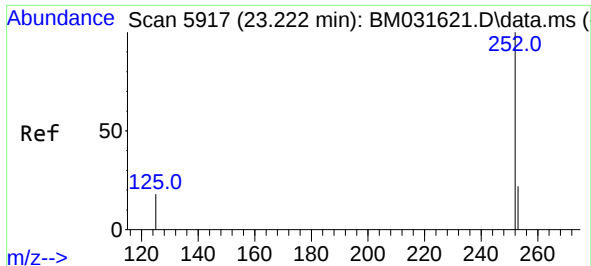
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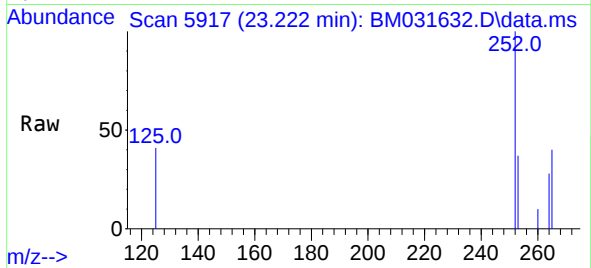
#25
Benzo(k)fluoranthene
Concen: 0.204 ng/ul m
RT: 22.713 min Scan# 5707
Delta R.T. -0.007 min
Lab File: BM031632.D
Acq: 10 Aug 2021 09:21

Tgt Ion:252 Resp: 4459
Ion Ratio Lower Upper
252 100
253 43.1 21.3 31.9#
125 43.9 8.8 13.2#

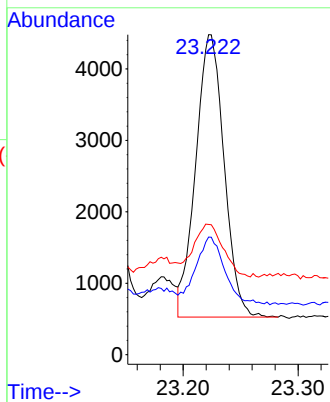
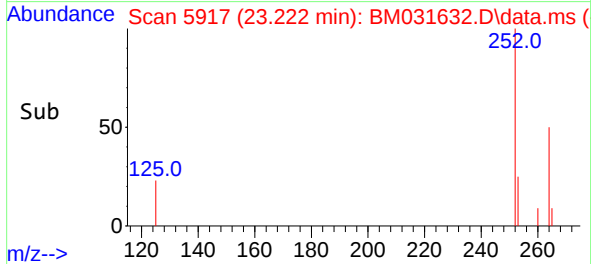




#26
Benzo(a)pyrene
Concen: 0.366 ng/ul
RT: 23.222 min Scan# 5917
Delta R.T. -0.002 min
Lab File: BM031632.D
Acq: 10 Aug 2021 09:21



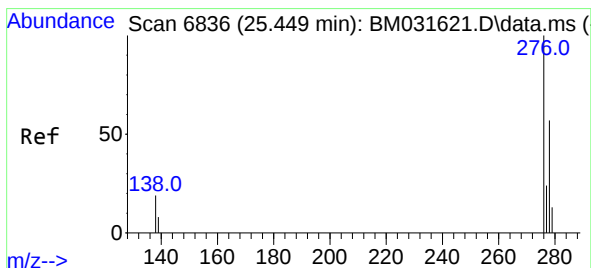
Tgt Ion:252 Resp: 6790
Ion Ratio Lower Upper
252 100
253 36.7 22.4 33.6#
125 40.7 13.0 19.4#



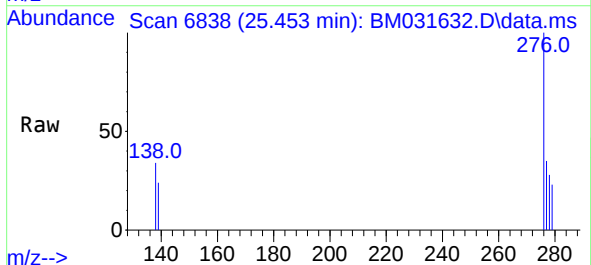
Instrument :
BNA_M
ClientSampled :
C00B4

Manual Integrations
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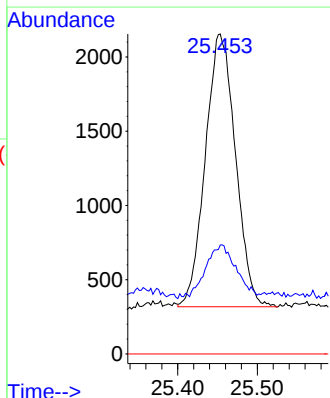
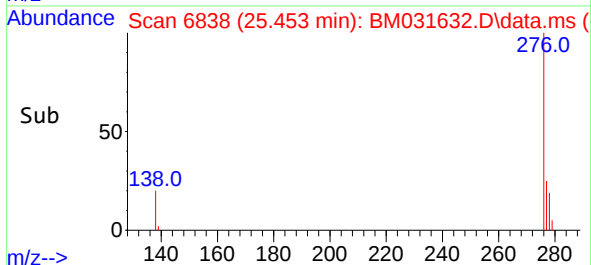
mohammad
8/10/2021 4:37:02 PM

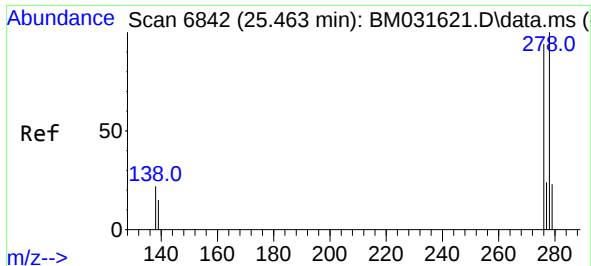


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.202 ng/ul
RT: 25.453 min Scan# 6838
Delta R.T. -0.000 min
Lab File: BM031632.D
Acq: 10 Aug 2021 09:21



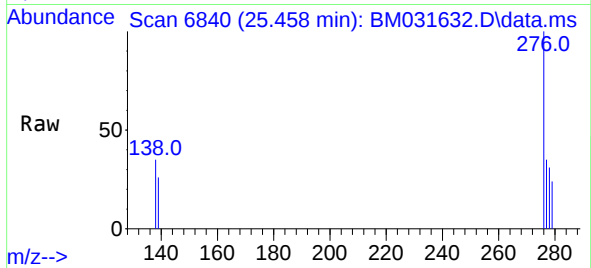
Tgt Ion:276 Resp: 4831
Ion Ratio Lower Upper
276 100
138 21.8 15.8 23.8
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.064 ng/ul
RT: 25.458 min Scan# 6840
Delta R.T. -0.010 min
Lab File: BM031632.D
Acq: 10 Aug 2021 09:21

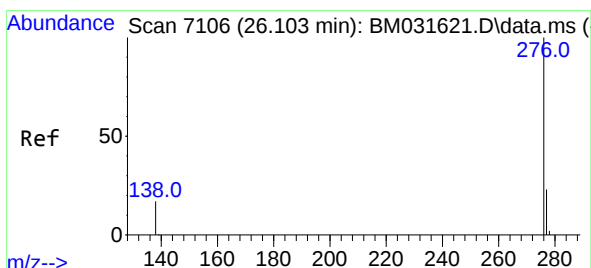
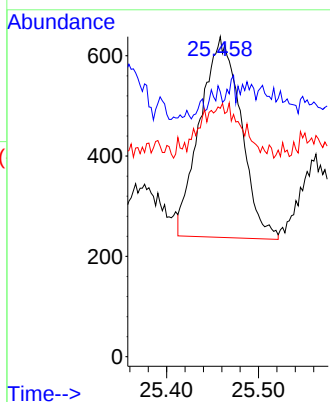
Instrument :
BNA_M
ClientSampled :
C00B4



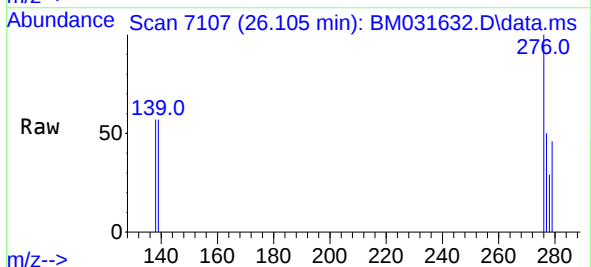
Tgt Ion:278 Resp: 1234
Ion Ratio Lower Upper
278 100
139 82.8 13.3 19.9#
279 77.6 22.8 34.2#

Manual Integrations
APPROVED

mohammad
8/10/2021 4:37:02 PM



#29
Benzo(g,h,i)perylene
Concen: 0.071 ng/ul
RT: 26.105 min Scan# 7107
Delta R.T. 0.007 min
Lab File: BM031632.D
Acq: 10 Aug 2021 09:21



Tgt Ion:276 Resp: 1454
Ion Ratio Lower Upper
276 100
138 57.3 15.4 23.2#
277 50.1 19.9 29.9#

